GE
Lighting Solutions

GUIDE FORM SPECIFICATIONS
POWR/BRACKET ® LUMINAIRE

GENERAL DESCRIPTION

The complete luminaire designated _____ (identify) shall be a GE POWR/BRACKET® luminaire unit pack, ordering number _____ (specify PBS or PBP, plus ordering number logic from catalog) or approved equal, to operate one _____ (specify [50, 70, 100, 150(55V), 200 or 250] watt high pressure sodium [HPS] or [175, 250 or 400] watt mercury) lamp from a nominal _____ (specify 120, 208, 240 or 277) volt, 60 Hertz power source. The luminaire shall include an integral ballast and _____ (specify according to product ordering information) optical assembly including specified lamp, mounting hardware and external photoelectric control. Labeling shall be in accordance with ANSI standards. Standard construction is IP54.

MECHANICAL CONSTRUCTION

The luminaire shall include a die-cast aluminum top housing and removable die-cast door with electrocoat gray paint finish, optical assembly, E39 mogul base socket with superior lamp gripping and specified lamp, and mounting hardware including corrosion resistant 2-3/8 X 3 inch lag screws and 5/8 X 10 inch lag bolts. The luminaire shall be prewired with two 3-foot (9-meter) #14 AWG leads.

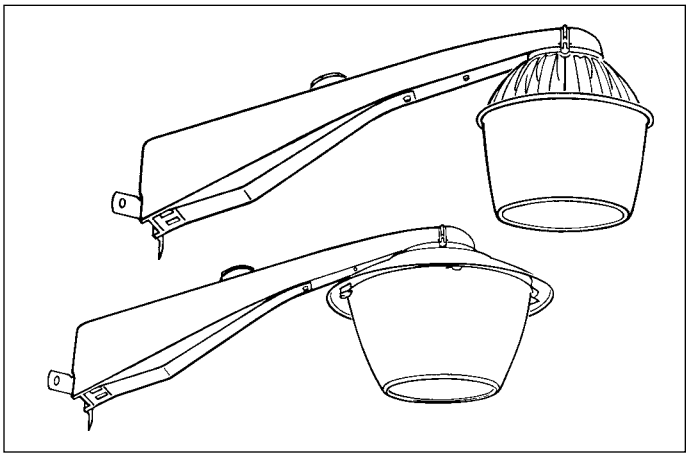
BALLAST OPERATION

The ballast shall be prewired to the socket and mounted on the removable door, requiring connection of power supply leads to wiring cables only. There shall be a plug-in type ignitor mounted on the door for use with HPS lamps.

The luminaire shall contain a standard _____ (specify) type ballast* in full compliance with lamp-ballast specifications available to the fixture manufacturer from the lamp manufacturers at the time of fixture manufacture.

The ballast shall reliably start and operate the lamp in ambient temperatures down to -20°F for mercury or -40°F for HPS.

The luminaire and ballast shall be from the same manufacturer.



OPTICAL ASSEMBLY

SMALL OPTICAL (PBS)

The small optical assembly (175 watt maximum) shall include a Type 5 _____ (specify open acrylic or enclosed polycarbonate resin) one-piece prismatic refractor and spun-seal aluminum reflector with an Alzak† finish on both the inside and outside surfaces. It shall be equipped with stainless steel spring toggle latches for attaching to the luminaire housing.

LARGE OPTICAL (PBL)

The large optical assembly shall be available with Type 5 open acrylic refractor only.

* REFER TO PRODUCT PAGE FOR BALLAST SELECTIONS. FOR MORE DEFINITIVE INFORMATION, REFER TO BALLAST SPECIFICATIONS IN TECHNICAL DATA SECTION.

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1-888-69-43-533

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